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## INDUSTRIAL ACCIDENTS

SOUTH AUSTRALIA

1969-70

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## INTRODUCTION

The statistics contained in this bulletin have been compiled from reports of workmen's compensation claims closed during the year ended 30 June 1970 and of unclosed claims of three years duration at 30 June 1970. Reports are submitted by insurance companies, self insurers, and State Government departments, through the South Australian Department of Labour and Industry.

SCOPE AND COVERAGE Although the term "industrial accident" is used the statistics represent workmen's compensation claims finalised during the year ended 30 June 1970. The accidents to which the claims refer may have occurred in the year the claim was finalised or during any other year within the coverage of the current collection. Fluctuations in the flow of processing and reporting of claims can therefore significantly affect the figures for any given year.

Each original claim has been regarded as a separate accident and although reports have been received of re-opened claims, no details of these have been included in the tabulations.

Only persons within the coverage of the South Australian Workmen's Compensation Act 1932-1969 are included. Amendments in December 1969 extended the coverage of the Act to include from that date workmen whose average weekly earnings exceed \$110, and also increased the maximum amounts of some benefits payable. Notable exclusions are self-employed persons and all Commonwealth Government officers and employees. Exclusion of self-employed persons is likely to have considerable effect in industries where self employment is prevalent (e.g. retail trade, rural industries). Because of the exclusion of Commonwealth employees some industry classifications are not covered at all while coverage is reduced in other industries (e.g. defence services and communications). Because of the movement of employees across State boundaries some reports received may refer to accidents occurring in States other than South Australia. The number of such reports is thought to be negligible.

DEFINITIONS For the purpose of this collection the following definitions have been adopted.

INDUSTRIAL ACCIDENT: A compensated work injury causing death or absence of the injured person from work for one week or more, but excluding disease cases and accidents during journeys or recess periods if the victim is not engaged in normal occupational duties. "One week" has been interpreted as one week of seven calendar days or five working days.

FATAL ACCIDENT: So classified regardless of the time intervening between injury and death, provided that death occurs before the claim is closed or regarded statistically as closed.

ACCIDENT FACTOR: Interpreted in general as that underlying agency, other than human failing, which appears to contribute most materially to an accident and which would be most likely to receive attention in preventing recurrence of a similar accident.

TIME LOST: The actual time lost from work except that persons reported to be totally and permanently incapacitated as a result of a compensatable work injury are statistically allotted a duration of incapacity of 156 weeks.

AMOUNT PAID: Includes compensation for wages lost, hospital and medical expenses, and lump sum settlements.

INDUSTRY: Classified in accordance with the 1966 Census Classification of Industries.

OCCUPATION: Classified in accordance with the 1966 Census Classification of Occupations.



INDUSTRIAL DISEASE: Special note should be taken of the distinction between "Injury" and "Disease" cases in these statistics. Some diseases or infections may result either from a minor injury or from some continuous action or sustained exposure to a harmful medium without any evidence of an injury. However, where there is any evidence at all that a disease has resulted from an initial injury then the episode is classified as an injury rather than a disease (e.g. conjunctivitis and corneal ulcers resulting from foreign body in the eye, flying particles, or scratches to the cornea; bursitis or cellulitis resulting from bruising or crushing; displacement of intervertebral disc (slipped disc) resulting from sprains and strains). On the other hand disabilities caused purely by continuous movements of a joint are treated as a disease. Miscellaneous reactions of the body to effects of poisons and weather etc. are included with work injuries as "other injuries" in the nature of injury classification.

The International Labour Office distinguishes an occupational disease from a work injury in that it exhibits one or more of the following characteristics:

- (i) the slow and protracted nature of its cause.
- (ii) its ascribability to repeated or continuous action of a mechanical, physical, or chemical cause; it is not the effect of a single event but of a cause acting imperceptibly and constantly.
- (iii) indeterminateness of the time of its beginning due to its slow and insidious development.
- (iv) the possible importance of individual predisposition as a factor in the development of the pathological conditions.

#### GENERAL COMMENT

Reports received during 1969-70 provide an analysis of 10 fatal accidents, and of 9 859 non-fatal accidents each of which resulted in absence from work of one week or more, as against 14 fatal accidents and 9 888 non-fatal accidents in 1968-69. Tables 1 to 4 compare some aspects of accidents reported in each of the past five years. Other returns received from insurance companies, self insurers, and State Government departments show that during the year ended 30 June 1970 they received approximately 58,300 effective claims and that compensation totalling approximately \$6,799,200 was paid whereas in 1968-69 there were 54,500 claims and compensation totalled \$6,077,000. These figures, which include accidents involving work absences of less than one week, journey and recess accidents and industrial disease cases, indicate that the statistics compiled on the basis described in this introduction cover 17 per cent of total compensated accidents and that associated compensation payments represent 51 per cent of total compensation payments for 1969-70.

A detailed list of accident factors is given in Table 16 to which reference should be made for clarification of the group titles used in tables 6, 7, 11, 12 and 14. More details of industry and occupation group headings and more detailed tabulations of some of the other tables may be made available on application to this Bureau or to the South Australian Department of Labour and Industry.

In tables where figures have been rounded, discrepancies between totals and sums of components are due to rounding.

D.L.J. AITCHISON  
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TABLE 1 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, TIME LOST

Industry	Number of Accidents				
	1965-6	1966-7	1967-8	1968-9	1969-70
Primary Production	831	912	869	874	821
Mining and quarrying	106	97	122	85	91
Manufacturing	4,794	4,515	4,105	4,604	4,345
Electricity, gas, water and sanitary services	491	571	488	426	415
Building and construction	1,520	1,468	1,441	1,264	1,365
Transport and storage	745	777	623	564	741
Finance and property	32	31	26	23	28
Commerce	1,300	1,356	1,198	1,265	1,187
Public authority (n.e.i.), community and business services	396	398	345	439	534
Amusement, accommodation, cafes etc.	307	328	345	344	332
Total : Males	9,469	9,449	8,651	8,732	8,639
Females	1,053	1,004	911	1,156	1,220
Persons	10,522	10,453	9,562	9,888	9,859

TABLE 2 - NON-FATAL ACCIDENTS : ACCIDENT FACTOR AND

Classification	Males				
	1965-6	1966-7	1967-8	1968-9	1969-70
ACCIDENT					
Machinery	1,021	1,086	821	943	962
Vehicles	429	440	361	365	397
Electricity, explosions etc.	235	216	288	198	186
Falling, slipping, stumbling	1,861	1,918	1,786	1,870	1,869
Striking against, stepping on	517	498	374	339	352
Handling	2,245	2,307	2,192	2,221	2,075
Objects moving or falling	1,949	1,643	1,650	1,613	1,507
Hand tools	808	826	695	703	792
Miscellaneous	404	515	484	480	499
Total	9,469	9,449	8,651	8,732	8,639
NATURE OF					
Contusion, bruising and superficial injury	1,596	1,550	1,344	1,345	1,157
Lacerations	2,067	2,058	1,854	1,900	2,007
Foreign bodies	220	182	146	164	169
Burns and scalds	341	335	367	314	307
Fractures	1,286	1,253	1,197	1,127	1,176
Dislocations	94	117	106	126	148
Sprains, strains, and hernias	3,622	3,661	3,358	3,468	3,429
Traumatic amputations	65	115	86	100	76
Concussion	106	114	124	109	110
Other and unspecified	72	64	69	79	60
Total	9,469	9,449	8,651	8,732	8,639

## AND AMOUNT PAID, SOUTH AUSTRALIA, 1965-66 to 1969-70

Time Lost					Amount Paid				
1965-6	1966-7	1967-8	1968-9	1969-70	1965-6	1966-7	1967-8	1968-9	1969-70
Weeks					\$ 000				
3,373	3,467	4,068	3,610	3,549	158.3	210.3	270.9	228.1	243.9
376	362	458	521	465	25.7	29.4	23.9	57.9	67.1
16,134	17,037	15,445	17,859	17,177	1,002.2	1,301.1	1,284.0	1,549.0	1,529.9
1,890	2,270	2,298	1,881	2,280	116.8	136.2	139.2	151.5	173.2
5,636	5,917	6,646	5,794	6,077	357.5	416.3	683.7	481.7	578.6
2,732	3,300	2,388	2,190	2,992	133.3	182.6	167.8	147.1	192.8
264	140	109	115	150	9.2	14.8	4.9	9.1	11.2
4,266	4,908	4,503	4,401	4,313	265.0	337.2	282.3	289.3	328.4
1,663	1,688	1,609	2,455	2,353	85.4	100.1	113.6	168.7	133.0
1,325	1,217	1,419	1,263	1,563	58.7	56.3	70.8	60.7	102.5
33,771	36,620	35,330	34,766	35,551	2,055.2	2,544.8	2,837.3	2,815.0	3,026.9
3,888	3,686	3,612	5,322	5,368	156.9	189.7	203.6	328.1	333.6
37,659	40,306	38,942	40,089	40,919	2,212.0	2,784.5	3,041.0	3,143.1	3,360.5

## NATURE OF INJURY, SOUTH AUSTRALIA, 1965-66 to 1969-70

Females					Persons				
1965-6	1966-7	1967-8	1968-9	1969-70	1965-6	1966-7	1967-8	1968-9	1969-70
FACTOR									
141	146	120	150	167	1,162	1,232	941	1,093	1,129
18	16	12	10	28	447	456	373	375	425
39	42	47	52	57	274	258	335	250	243
347	300	286	328	340	2,208	2,218	2,072	2,198	2,209
76	66	66	72	56	593	564	440	411	408
224	254	233	307	312	2,469	2,561	2,425	2,528	2,387
105	76	65	86	95	2,054	1,719	1,715	1,699	1,602
51	49	39	75	83	859	875	734	778	875
52	55	43	76	82	456	570	527	556	581
1,053	1,004	911	1,156	1,220	10,522	10,453	9,562	9,888	9,859
INJURY									
216	180	163	193	193	1,812	1,730	1,507	1,538	1,350
251	235	210	270	290	2,318	2,293	2,064	2,170	2,297
2	6	3	6	1	222	188	149	170	170
52	57	47	56	72	393	392	414	370	379
120	99	89	95	108	1,406	1,352	1,286	1,222	1,284
16	11	13	15	19	110	128	119	141	167
357	382	349	478	498	3,979	4,043	3,707	3,946	3,927
5	5	6	10	10	70	120	92	110	86
28	18	21	22	21	134	132	145	131	131
6	11	10	11	8	78	75	79	90	68
1,053	1,004	911	1,156	1,220	10,522	10,453	9,562	9,888	9,859

TABLE 3 - NON-FATAL ACCIDENTS : LOCATION OF INJURY, SOUTH AUSTRALIA, 1965-66 to 1969-70

Location of Injury	Males					Females					Persons				
	1965-6	1966-7	1967-8	1968-9	1969-70	1965-6	1966-7	1967-8	1968-9	1969-70	1965-6	1966-7	1967-8	1968-9	1969-70
Head (except eye)	312	287	310	272	297	58	37	36	42	44	370	324	346	314	341
Eye	309	312	243	258	242	9	14	10	8	9	318	326	253	266	251
Neck and spine	268	305	291	308	305	34	40	31	48	44	302	345	322	356	349
Trunk	2,487	2,523	2,331	2,416	2,406	188	204	175	270	289	2,675	2,727	2,506	2,686	2,695
Arm	1,058	1,111	982	1,034	1,031	187	163	182	213	199	1,245	1,274	1,164	1,247	1,230
Hand	2,345	2,335	2,062	2,093	1,996	290	276	236	297	327	2,635	2,611	2,298	2,390	2,323
Leg	1,600	1,588	1,479	1,425	1,474	187	187	185	190	246	1,787	1,775	1,664	1,615	1,720
Foot	1,043	958	912	884	856	97	78	50	81	58	1,140	1,036	962	965	914
Other, unspecified	47	30	41	42	32	3	5	6	7	4	50	35	47	49	36
Total	9,469	9,449	8,651	8,732	8,639	1,053	1,004	911	1,156	1,220	10,522	10,453	9,562	9,888	9,859

TABLE 4 - FATAL ACCIDENTS : PERSONS KILLED, ACCIDENT FACTOR, PAYMENTS, SOUTH AUSTRALIA, 1965-66 to 1969-70

Accident Factor	1965-66	1966-67	1967-68	1968-69	1969-70
Machinery	3	1	-	-	-
Vehicles	8	3	6	10	2
Electricity, explosion, etc.	2	-	-	2	2
Falling, slipping, stumbling	4	4	1	1	5
Striking against, stepping on	-	3	-	-	-
Handling, objects moving or falling	4	3	4	-	-
Other	2	-	1	1	1
Total	23	14	12	14	10
Payments (\$'000)	166.3	131.7	117.8	113.7	90.5

Note: No accident involving the death of a female was reported during the period 1965-66 to 1967-68 or in 1969-70. One such accident was reported during 1968-69 and is included in accident factor "vehicles" above.

TABLE 5 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID, SOUTH AUSTRALIA, 1969-70

## MALES

Industry	Accidents		Time Lost		Amount Paid	
	Number	Propn of Total	Total	Average per Accident	Total	Average per Accident
		%	Weeks		\$'000	\$
Primary production	775	9.0	3,297	4.3	224.5	290
Mining & quarrying	90	1.0	460	5.1	66.8	742
Manufacturing	3,892	45.1	15,312	3.9	1,391.9	358
Manufacturing includes -						
Cement, bricks, glass & stone	213	2.5	889	4.2	76.5	359
Founding, engineering and metal working	1,515	17.5	5,910	3.9	653.2	431
Ships, vehicles, parts & accessories	776	9.0	3,707	4.8	285.1	367
Food, drink & tobacco	611	7.1	2,120	3.5	149.6	245
Sawmilling & wood products (excl. furniture)	238	2.8	989	4.2	90.5	380
Electricity, gas, water & sanitary services	413	4.8	2,269	5.5	172.8	418
Building & construction	1,362	15.8	6,065	4.5	577.9	424
Transport & storage	724	8.4	2,936	4.1	190.3	263
Finance & property	19	0.2	130	6.8	10.6	560
Commerce	992	11.5	3,591	3.6	287.1	289
Public authority (n.e.i.), community & business services	219	2.5	877	4.0	64.7	296
Amusement, hotels, accommodation, cafes, etc.	153	1.8	613	4.0	40.3	263
Total	8,639	100.0	35,551	4.1	3,026.9	350

TABLE 5 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID, SOUTH AUSTRALIA, 1969-70

## FEMALES

Industry	Accidents		Time Lost		Amount Paid	
	Number	Propn of Total	Total	Average per Accident	Total	Average per Accident
		%	Weeks		\$'000	\$
Primary production	46	3.8	252	5.5	19.4	422
Mining & quarrying	1	0.1	5	5.0	0.3	253
Manufacturing	453	37.1	1,865	4.1	138.1	305
Manufacturing includes						
Cement, bricks, glass & stone	9	0.7	79	8.8	3.4	373
Founding, engineering, metal working	157	12.9	614	3.9	59.9	382
Ships, vehicles, parts & accessories	10	0.8	34	3.4	1.9	189
Food, drink & tobacco	131	10.7	380	2.9	18.6	142
Sawmilling & wood products (excl. furniture)	15	1.2	275	18.3	19.0	1,264
Electricity, gas, water & sanitary services	2	0.2	11	5.7	0.4	207
Building & construction	3	0.2	12	3.9	0.7	233
Transport & storage	17	1.4	56	3.3	2.5	148
Finance & property	9	0.7	20	2.3	0.5	58
Commerce	195	16.0	722	3.7	41.3	212
Public authority (n.e.i.), community & business services	315	25.8	1,476	4.7	68.3	217
Amusement, hotels, accommodation, cafes, etc.	179	14.7	949	5.3	62.2	347
Total	1,220	100.0	5,368	4.4	333.6	273

TABLE 5 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID, SOUTH AUSTRALIA, 1969-70

## PERSONS

Industry	Accidents		Time Lost		Amount Paid	
	Number	Propn of Total	Total	Average per Accident	Total	Average per Accident
		%	Weeks		\$ '000	\$
Primary production	821	8.3	3,549	4.3	243.9	297
Mining & quarrying	91	0.9	465	5.1	67.1	737
Manufacturing	4,345	44.1	17,177	4.0	1,529.9	352
Manufacturing includes -						
Cement, bricks, glass & stone	222	2.3	968	4.4	79.9	360
Founding, engineering, metal working	1,672	17.0	6,524	3.9	713.1	426
Ships, vehicles, parts & accessories	786	8.0	3,741	4.8	287.0	365
Food, drink & tobacco	742	7.5	2,500	3.4	168.2	227
Sawmilling & wood products (excl. furniture)	253	2.6	1,264	5.0	109.5	433
Electricity, gas, water & sanitary services	415	4.2	2,280	5.5	173.2	417
Building & construction	1,365	13.8	6,077	4.5	578.6	424
Transport & storage	741	7.5	2,992	4.0	192.8	260
Finance & property	28	0.3	150	5.4	11.2	399
Commerce	1,187	12.0	4,313	3.6	328.4	277
Public authority (n.e.i.), community & business services	534	5.4	2,353	4.4	133.0	249
Amusement, hotels, accommodation, cafes, etc.	332	3.4	1,563	4.7	102.5	309
Total	9,859	100.0	40,919	4.2	3,360.5	341

TABLE 6 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, ACCIDENT FACTOR, SOUTH AUSTRALIA, 1969-70

## MALES

Industry	Machinery		Vehicles		Elect., Explo- sions, Etc.		Falling, Slipping, Stumbling, Etc.		Striking Against, Stepping on, Etc.		Handling		Objects Moving or Falling		Hand Tools		Miscell- aneous		Total	
	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF
Primary production	-	74	1	80	-	11	-	165	-	25	-	124	-	68	1	77	-	151	2	775
Mining & quarrying	-	9	-	9	1	2	-	15	-	1	-	8	-	30	-	12	-	4	1	90
Manufacturing	-	648	-	84	-	112	1	660	-	183	-	1,018	-	690	-	342	-	155	1	3,892
Manufacturing includes -																				
Cement, bricks, glass & stone	-	21	-	6	-	6	-	47	-	7	-	55	-	47	-	15	-	9	-	213
Founding, engineering, & metal working	-	314	-	19	-	62	1	201	-	81	-	369	-	314	-	110	-	45	1	1,515
Ships, vehicles, parts, etc.	-	93	-	24	-	12	-	146	-	36	-	244	-	123	-	59	-	39	-	776
Food, drink, & tobacco	-	51	-	18	-	20	-	136	-	31	-	155	-	83	-	93	-	24	-	611
Sawmilling & wood products (excluding furniture)	-	54	-	5	-	3	-	41	-	7	-	44	-	51	-	26	-	7	-	238
Electricity, gas, water & sanitary services	-	27	-	22	-	9	-	88	-	16	-	97	-	82	-	56	-	16	-	413
Building & construction	-	67	1	60	1	19	2	355	-	60	-	319	-	269	-	158	-	55	4	1,362
Transport & storage	-	27	-	63	-	3	-	221	-	23	-	174	-	162	-	22	-	29	-	724
Finance & property	-	-	-	1	-	-	-	5	-	2	-	5	-	1	-	3	-	2	-	19
Commerce	-	93	-	55	-	19	1	244	-	32	-	239	-	167	-	97	-	46	1	992
Public authority (n.e.i.) & community & business services	-	9	-	15	-	6	1	69	-	6	-	56	-	23	-	7	-	28	1	219
Amusement, hotels, accommodation, cafes, etc.	-	8	-	8	-	5	-	47	-	4	-	35	-	15	-	18	-	13	-	153
Total : Number	-	962	2	397	2	186	5	1,869	-	352	-	2,075	-	1,507	1	792	-	499	10	8,639
Per cent	-	11.1	-	4.6	-	2.2	-	21.6	-	4.1	-	24.0	-	17.4	-	9.2	-	5.8	-	100.0

F = Fatal

NF = Non-Fatal



TABLE 6 . FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, ACCIDENT FACTOR, SOUTH AUSTRALIA, 1969-70

## FEMALES

Industry	Machinery		Vehicles		Elect., Explo- sions, Etc.		Falling, Slipping, Stumbling, Etc.		Striking Against, Stepping On, Etc.		Handling		Objects Moving or Falling		Hand Tools		Miscell- aneous		Total	
	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF
Primary Production	-	3	-	3	-	-	-	15	-	3	-	9	-	1	-	5	-	7	-	46
Mining & quarrying	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Manufacturing	-	116	-	8	-	12	-	87	-	20	-	117	-	47	-	27	-	19	-	453
Manufacturing includes -																				
Cement, bricks, glass & stone	-	2	-	-	-	-	-	3	-	-	-	2	-	1	-	-	-	1	-	9
Founding, engineering, & metal working	-	55	-	4	-	-	-	20	-	8	-	40	-	17	-	5	-	8	-	157
Ships, vehicles, parts, etc.	-	1	-	-	-	-	-	4	-	-	-	3	-	-	-	-	-	2	-	10
Food, drink & tobacco	-	13	-	1	-	10	-	40	-	6	-	30	-	15	-	13	-	3	-	131
Sawmilling & wood products (excluding furniture)	-	3	-	-	-	-	-	2	-	-	-	6	-	4	-	-	-	-	-	15
Electricity, gas, water & sanitary services	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	2
Building & construction	-	1	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	3
Transport & storage	-	1	-	6	-	1	-	6	-	-	-	1	-	-	-	1	-	1	-	17
Finance & property	-	-	-	-	-	-	-	6	-	-	-	-	-	1	-	1	-	1	-	9
Commerce	-	25	-	4	-	9	-	52	-	11	-	48	-	16	-	18	-	12	-	195
Public authority (n.e.i.) & community & business services	-	6	-	-	-	17	-	106	-	12	-	103	-	16	-	23	-	32	-	315
Amusement, hotels, accommodation, cafes, etc.	-	15	-	7	-	18	-	67	-	10	-	31	-	14	-	7	-	10	-	179
Total : Number	-	167	-	28	-	57	-	340	-	56	-	312	-	95	-	83	-	82	-	1,220
Per cent	-	13.7	-	2.3	-	4.7	-	27.9	-	4.6	-	25.6	-	7.8	-	6.8	-	6.7	-	100.0

F = Fatal

NF = Non-Fatal

TABLE 7 - FATAL AND NON-FATAL ACCIDENTS : OCCUPATION GROUPS, ACCIDENT FACTOR, SOUTH AUSTRALIA, 1969-70

## MALES

Occupation	Machinery		Vehicles		Elect., Explosions, Etc.		Falling, Slipping, Stumbling, Etc.		Striking Against, Stepping On, Etc.		Handling		Objects Moving or Falling		Hand Tools		Miscell- aneous		Total	
	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF
Professional, administrative, managerial, clerical workers		8		16		5		58		5		56		19		5		15		187
Salesmen		6		7		6		38		3		20		6		7		6		99
Farmers, fishermen, etc.		79	1	84		9		173		28		136		81		94		159	1	843
Quarrymen		8		6		1		15		2		7		28		12		4		83
Transport workers		12	1	71		6	1	225		22		170		136		26		24	2	692
Craftsmen, process workers		838		204	2	146	3	1,264		284		1,629		1,208	1	635		258	6	6,466
Craftsmen include:																				
Textile & clothing trades		29				3		16		5		21		10		3		7		94
Metal tradesmen		426		44	2	84		357		118		602		435		216		98	2	2,380
Building tradesmen		119		17		6	1	251		48		217		153	1	93		42	2	946
Food processors		55		7		10		80		14		85		45		97		15		408
Plant operators		23		46		6	1	86		6		61		57		30		9	1	324
Freight handlers		35		34		4		161		30		195		174		19		21		673
Labourers		84		48		27	1	260		47		333		275		156		45	1	1,275
Service & recreation workers		11		9		13	1	96		8		57		29		13		33	1	269
Total : Number		962	2	397	2	186	5	1,869		352		2,075		1,507	1	792		499	10	8,639
Per cent		11.1		4.6		2.2		21.6		4.1		24.0		17.4		9.2		5.8		100.0

F = Fatal

NF = Non-Fatal

TABLE 7 - FATAL AND NON-FATAL ACCIDENTS : OCCUPATION GROUPS, ACCIDENT FACTOR, SOUTH AUSTRALIA, 1969-70

## FEMALES

Occupation	Machinery		Vehicles		Elect., Explo- sions, Etc.		Falling Slipping, Stumbling, Etc.		Striking Against, Stepping On, Etc.		Handling		Objects Moving or Falling		Hand Tools		Miscell- aneous		Total	
	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF
Professional, administrative, managerial, clerical workers	5		1		6		67		3		51		7		3		17		160	
Saleswomen	21		2		8		28		6		28		10		8		9		120	
Farm workers	3		2				11		2		11		1		5		7		42	
Transport workers			9				3				2		1				1		16	
Textile & clothing trades	20						7		2		10		3		5		2		49	
Metal process workers	59		3				13		6		46		13		5		9		154	
Food & beverage processors	13				6		34		4		21		5		14		3		100	
Other crafts	26		4		6		30		9		44		31		11		4		165	
Service & recreation workers	20		7		31		147		24		99		24		32		30		414	
Other occupations																				
Total : Number	167		28		57		340		56		312		95		83		82		1,220	
Per Cent	13.7		2.3		4.7		27.9		4.6		25.6		7.8		6.8		6.7		100.0	

F = Fatal

NF = Non-Fatal

TABLE 8 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, LOCATION OF INJURY, SOUTH AUSTRALIA, 1969-70

## MALES

Industry	Head	Eye	Neck and Spine	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
Primary production	28	20	35	171	126	160	174	54	7	775
Mining and quarrying	1	5	3	20	10	20	19	12	-	90
Manufacturing	123	107	106	1,088	452	1,103	481	417	15	3,892
Manufacturing includes -										
Cement, bricks, glass & stone	4	6	7	69	25	46	35	20	1	213
Founding, engineering, & metal working	52	47	34	408	174	439	161	192	8	1,515
Ships, vehicles, parts, etc.	20	33	23	266	83	143	129	79	-	776
Food, drink and tobacco	14	8	18	140	79	221	74	53	4	611
Sawmilling and wood products (excluding furniture)	9	2	9	54	28	81	30	25	-	238
Electricity, gas, water & sanitary services	15	12	22	116	53	77	73	44	1	413
Building and construction	35	43	54	397	153	262	271	142	5	1,362
Transport and storage	20	15	36	229	73	100	174	77	-	724
Finance and property	4	-	2	6	2	-	4	1	-	19
Commerce	47	33	31	266	115	204	204	90	2	992
Public authority (n.e.i.) and community & business services	17	3	11	60	26	37	51	13	1	219
Amusement, hotels, accommodation, cafes, etc.	7	4	5	53	21	33	23	6	1	153
Total : Number	297	242	305	2,406	1,031	1,996	1,474	856	32	8,639
Per cent	3.4	2.8	3.5	27.9	11.9	23.1	17.1	9.9	0.4	100.0

TABLE 8 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, LOCATION OF INJURY, SOUTH AUSTRALIA, 1969-70

## FEMALES

Industry	Head	Eye	Neck and Spine	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
Primary production	2	2	1	10	10	8	9	4		46
Mining & quarrying				1						1
Manufacturing	11	5	10	80	87	169	67	21	3	453
Manufacturing includes -										
Cement, bricks, glass, & stone				1	1	5	2			9
Founding, engineering, & metal working	2	3	4	24	26	71	20	6	1	157
Ships, vehicles, parts, etc.				2	4	3	1			10
Food, drink, and tobacco	5		3	22	19	44	27	11		131
Sawmilling & wood products (excluding furniture)		1	1	4	5	3	1			15
Electricity, gas, water & sanitary services						2				2
Building & construction				1		2				3
Transport & storage	5			1	3	1	4	2	1	17
Finance & property				2	1	1	4	1		9
Commerce	8	1	7	38	27	63	41	10		195
Public authority (n,e,i,) & community & business services	8	1	21	117	46	45	69	8		315
Amusement, hotels, accommodation, cafes, etc.	10		5	39	25	36	52	12		179
Total : Number	44	9	44	289	199	327	246	58	4	1,220
Per cent	3.6	0.7	3.6	23.7	16.3	26.8	20.2	4.8	0.3	100.0

TABLE 9 - NON-FATAL ACCIDENTS: INDUSTRY GROUPS, NATURE OF INJURY, SOUTH AUSTRALIA, 1969-70

## MALES

16

Industry	Bruising Contusion, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Traumatic Amputa- tions	Concus- sion	Other (a)	Total
Primary production	89	232	14	20	118	18	255	5	16	8	775
Mining and quarrying	13	17	4	5	19	3	26	2	1	-	90
Manufacturing	509	982	73	187	488	45	1,491	46	39	32	3,892
Manufacturing includes -											
Cement, bricks, glass & stone	28	41	3	8	37	5	87	1	2	1	213
Founding, engineering, & metal working	210	381	29	94	201	16	532	21	15	16	1,515
Ships, vehicles, parts, etc.	103	137	25	35	74	10	378	5	7	2	776
Food, drink, and tobacco	63	202	5	24	77	7	217	5	4	7	611
Sawmilling and wood products (excluding furniture)	37	72	2	3	35	1	75	8	4	1	238
Electricity, gas, water & sanitary services	52	78	9	15	60	9	178	3	6	3	413
Building and construction	199	280	31	31	200	32	557	11	14	7	1,362
Transport and storage	120	96	12	4	122	15	341	3	9	2	724
Finance and property	2	2	-	-	3	1	9	-	2	-	19
Commerce	134	242	21	33	115	16	405	4	18	4	992
Public authority (n.e.i.) and community & business services	23	43	1	8	30	6	102	1	4	1	219
Amusement, hotels, accommodation, cafes, etc.	16	35	4	4	21	3	65	1	1	3	153
Total : Number	1,157	2,007	169	307	1,176	148	3,429	76	110	60	8,639
Per cent	13.4	23.2	2.0	3.6	13.6	1.7	39.7	0.9	1.3	0.7	100.0

(a) Includes internal injuries (9), nerve injuries (17), miscellaneous and unspecified (34).

TABLE 9 . . NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NATURE OF INJURY, SOUTH AUSTRALIA, 1969-70

## FEMALES

Industry	Bruising, Contusion, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Traumatic Amputa- tions	Concus- sion	Other (a)	Total
Primary production	8	10	-	-	9	-	18	-	1	-	46
Mining and quarrying	-	-	-	-	-	-	1	-	-	-	1
Manufacturing	74	143	1	18	33	4	163	8	5	4	453
Manufacturing includes -											
Cement, bricks, glass & stone	4	3	-	-	-	1	1	-	-	-	9
Founding, engineering, & metal working	23	51	1	2	16	1	53	7	2	1	157
Ships, vehicles, parts, etc.	2	3	-	-	1	-	4	-	-	-	10
Food, drink and tobacco	25	42	-	14	8	-	39	-	3	-	131
Sawmilling and wood products (excluding furniture)	2	2	-	-	1	-	10	-	-	-	15
Electricity, gas, water & sanitary services	-	1	-	-	-	-	1	-	-	-	2
Building and construction	-	2	-	-	1	-	-	-	-	-	3
Transport and storage	4	3	-	1	2	-	2	-	4	1	17
Finance and property	2	1	-	-	1	-	5	-	-	-	9
Commerce	30	61	-	10	18	3	68	1	3	1	195
Public authority (n.e.i.) and community & business services	45	31	-	22	27	10	175	-	3	2	315
Amusement, hotels, accommodation cafes, etc.	30	38	-	21	17	2	65	1	5	-	179
Total : Number	193	290	1	72	108	19	498	10	21	8	1,220
Per cent	15.8	23.8	0.1	5.9	8.9	1.6	40.8	0.8	1.7	0.7	100.0

(a) Includes nerve injuries (4), miscellaneous and unspecified (4).

TABLE 10 - NON-FATAL ACCIDENTS : OCCUPATION GROUPS, NATURE OF INJURY, SOUTH AUSTRALIA, 1969-70

## MALES

Occupation	Bruising, Contusion, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Traumatic Amputa- tions	Concus- sion	Other (a)	Total
Professional, administrative, managerial, clerical workers	27	34	3	8	23	7	81	-	4	-	187
Salesmen	8	15	1	7	11	6	46	-	3	2	99
Farmers, fishermen, etc.	104	250	15	17	118	20	286	8	16	9	843
Quarrymen	9	23	-	2	19	3	21	3	2	1	83
Transport workers	104	115	6	8	112	9	317	3	16	2	692
Craftsmen, process workers	873	1,525	142	254	853	98	2,551	62	65	43	6,466
Craftsmen include -											
Textile and clothing trades	9	32	2	6	7	-	36	1	1	-	94
Metal tradesmen	287	566	73	158	283	25	914	29	24	21	2,380
Building tradesmen	142	227	22	16	133	13	366	14	9	4	946
Food processors	37	186	2	15	39	7	114	4	1	3	408
Plant operators	44	47	6	14	57	7	141	3	3	2	324
Freight handlers	120	83	8	5	102	13	333	1	4	4	673
Labourers	188	288	23	31	191	27	493	10	19	5	1,275
Service and recreation workers	32	45	2	11	40	5	127	-	4	3	269
Total : Number	1,157	2,007	169	307	1,176	148	3,429	76	110	60	8,639
Per cent	13.4	23.2	2.0	3.6	13.6	1.7	39.7	0.9	1.3	0.7	100.0

(a) Includes internal injuries (9), nerve injuries (17), miscellaneous and unspecified (34).



TABLE 10 - NON-FATAL ACCIDENTS : OCCUPATION GROUPS, NATURE OF INJURY, SOUTH AUSTRALIA, 1969-70

## FEMALES

Occupation	Bruising, Contusion, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Traumatic Amputa- tions	Concus- sion	Other (a)	Total
Professional, administrative, managerial, clerical workers	24	14	0	7	21	8	83	0	2	1	160
Saleswomen	17	36	0	9	14	1	40	1	1	1	120
Farm workers	6	10	0	0	6	0	19	0	1	0	42
Transport workers	3	3	0	0	2	0	5	0	3	0	16
Textile and clothing trades	8	19	0	0	2	1	18	0	0	1	49
Metal process workers	20	52	1	2	16	0	54	6	2	1	154
Food and beverage processors	21	36	0	9	5	0	27	0	2	0	100
Other crafts	31	51	0	7	8	2	60	2	2	2	165
Service and recreation workers	63	69	0	38	34	7	192	1	8	2	414
Total : Number	193	290	1	72	108	19	498	10	21	8	1,220
Per cent	15.8	23.8	0.1	5.9	8.9	1.6	40.8	0.8	1.7	0.7	100.0

(a) Includes nerve injuries (4), miscellaneous and unspecified (4).

TABLE 11 - NON-FATAL ACCIDENTS : LOCATION OF INJURY, ACCIDENT FACTOR, SOUTH AUSTRALIA, 1969-70

Location of Injury	Machinery		Vehicles		Elect., Explosions, Etc.		Falling, Slipping, Stumbling, Etc.		Striking Against, Stepping On, Etc.		Handling		Objects Moving or Falling		Hand Tools		Miscellaneous		Total	
	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks
MALES																				
Head (except eye)	28	2.8	40	4.3	12	2.1	72	7.6	34	2.8	2	1.2	66	2.1	15	2.9	28	2.2	297	3.9
Eye	62	1.7	4	1.4	12	16.7	2	2.2	3	5.4	3	1.7	42	2.3	45	2.9	69	1.8	242	2.8
Neck and spine	8	15.6	16	13.9	2	1.8	68	7.4	3	1.8	144	7.9	17	13.7	21	3.7	26	8.5	305	8.3
Trunk (excl. shoulder & spine)	72	5.3	84	4.4	17	6.4	496	4.8	18	4.8	1,352	4.1	108	3.5	127	5.1	132	4.4	2,406	4.4
Arm (incl. shoulder and wrist)	117	4.0	54	5.9	23	2.2	280	4.4	68	3.6	258	2.8	99	4.0	87	3.3	45	4.2	1,031	3.8
Hand (excl. wrist; incl. fingers)	562	3.9	67	3.5	38	6.3	101	3.4	82	2.3	255	2.2	469	3.0	365	2.4	57	3.2	1,996	3.1
Leg (incl. hip and ankle)	71	8.1	79	10.1	23	4.4	744	4.9	101	3.6	53	2.6	217	4.5	86	3.1	100	4.4	1,474	5.0
Foot (incl. toes)	41	3.2	52	5.1	58	3.9	105	4.6	43	3.3	8	3.2	488	3.3	45	2.2	16	2.7	856	3.6
Other and unspecified	1	76.0	1	1.6	1	19.6	1	1.0	-	-	-	-	1	1.0	1	1.4	26	2.1	32	4.9
Total	962	4.3	397	6.0	186	5.2	1,869	4.9	352	3.3	2,075	3.9	1,507	3.5	792	3.0	499	3.8	8,639	4.1
FEMALES																				
Head (except eye)	1	1.4	6	8.7	4	1.5	17	3.4	6	1.7	-	-	5	1.6	-	-	5	1.5	44	3.3
Eye	1	1.0	-	-	-	-	1	2.6	-	-	-	-	3	2.3	2	6.6	2	2.0	9	3.1
Neck and spine	-	-	1	2.2	2	1.3	21	16.4	-	-	14	6.2	1	203.0	3	50.7	2	4.4	44	18.2
Trunk (excl. shoulder and spine)	5	1.3	3	2.4	1	1.0	66	5.3	5	2.2	170	4.5	6	2.5	6	3.5	27	4.3	289	4.5
Arm (incl. shoulder and wrist)	20	6.5	2	12.8	12	1.7	60	4.8	5	4.5	65	3.3	9	2.4	12	2.0	14	7.1	199	4.3
Hand (excl. wrist; incl. fingers)	132	3.6	2	1.9	23	3.0	8	3.5	9	4.8	58	2.1	27	2.0	56	2.1	12	3.3	327	2.9
Leg (incl. hip and ankle)	2	2.5	10	7.1	10	3.9	157	5.2	23	2.6	5	1.9	22	5.7	3	1.4	14	3.7	246	4.8
Foot (incl. toes)	5	1.2	4	2.6	5	1.5	10	2.4	8	2.4	-	-	22	2.2	1	1.4	3	2.5	58	2.1
Other and unspecified	1	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1.5	4	1.5
Total	167	3.7	28	6.2	57	2.6	340	5.6	56	3.0	312	3.8	95	5.1	83	4.0	82	4.1	1,220	4.4

TABLE 12 . . NON-FATAL ACCIDENTS : NATURE OF INJURY, ACCIDENT FACTOR, SOUTH AUSTRALIA, 1969-70

Nature of Injury	Machinery		Vehicles		Elect., Explo- sions, Etc.		Falling, Slipping, Stumbling, Etc.		Striking Against, Stepping On, Etc.		Handling		Objects Moving or Falling		Hand Tools		Miscell- aneous		Total	
	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks	No.	Av. Wks
MALES																				
Contusion, bruising, and superficial injury	94	2.3	91	2.9	2	1.9	324	2.0	101	2.4	22	2.2	395	2.1	80	2.4	48	2.3	1,157	2.2
Lacerations	470	3.2	84	3.4	6	2.0	170	2.5	160	2.4	256	2.3	432	2.6	371	2.2	58	2.7	2,007	2.6
Foreign bodies	54	1.9	1	1.2	3	2.5	-	-	-	-	1	1.0	28	2.5	28	2.0	54	1.7	169	1.9
Burns and scalds	41	2.5	9	4.0	167	4.1	12	2.1	-	-	3	2.0	4	1.9	48	2.3	23	2.3	307	3.3
Fractures	143	9.5	96	14.0	1	5.0	341	9.2	17	12.7	15	5.5	455	5.2	57	6.5	51	5.9	1,176	7.8
Dislocations	7	5.0	9	4.0	-	-	46	6.6	3	9.7	51	6.8	17	5.3	5	2.6	10	3.2	148	6.0
Sprains, strains, hernias	92	3.5	77	3.9	2	5.3	941	4.7	51	4.1	1,723	4.1	132	4.5	194	4.2	217	4.9	3,429	4.3
Traumatic amputations	48	7.5	5	5.8	1	63.8	2	5.4	-	-	-	-	16	6.3	3	9.5	1	4.6	76	7.8
Concussion	6	1.5	24	3.9	1	1.0	24	1.8	20	3.0	-	-	24	1.7	1	4.0	10	2.6	110	2.5
Internal injury	1	2.0	-	-	-	-	3	3.3	-	-	1	1.0	3	12.1	-	-	1	6.0	9	6.1
Nerve injury	5	8.2	-	-	1	6.4	4	3.0	-	-	3	7.7	-	-	4	2.0	-	-	17	5.4
Other and unspecified	1	76.0	1	1.6	2	92.8	2	78.5	-	-	-	-	1	1.0	1	1.4	26	2.1	34	14.0
Total	962	4.3	397	6.0	186	5.2	1,869	4.9	352	3.3	2,075	3.9	1,507	3.5	792	3.0	499	3.8	8,639	4.1
FEMALES																				
Contusion, bruising, and superficial injury	23	1.9	11	2.2	-	-	82	2.5	22	2.9	3	1.9	38	2.1	5	2.6	9	2.1	193	2.4
Lacerations	91	3.5	4	3.5	-	-	24	4.3	24	2.6	50	1.9	27	4.3	61	2.2	9	8.4	290	3.1
Foreign bodies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1.4	-	-	1	1.4
Burns and scalds	5	1.5	-	-	57	2.6	7	2.1	-	-	-	-	-	-	-	-	3	1.3	72	2.4
Fractures	15	5.2	6	10.6	-	-	56	10.0	3	7.9	3	1.9	14	17.0	1	13.0	10	6.0	108	9.7
Dislocations	-	-	-	-	-	-	10	29.7	-	-	7	7.1	1	2.2	1	105.0	-	-	19	23.9
Sprains, strains, hernias	21	5.3	3	9.3	-	-	153	4.5	4	2.5	247	4.2	11	3.6	14	5.0	45	3.8	498	4.3
Traumatic amputations	10	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	6.5
Concussion	-	-	4	10.9	-	-	8	5.1	3	2.3	-	-	4	1.7	-	-	2	1.0	21	4.8
Internal injury	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nerve injury	1	2.0	-	-	-	-	-	-	-	-	2	6.0	-	-	-	-	1	1.4	4	3.8
Other and unspecified	1	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1.5	4	1.5
Total	167	3.7	28	6.2	57	2.6	340	5.6	56	3.0	312	3.8	95	5.1	83	4.0	82	4.1	1,220	4.4

TABLE 13 - NON-FATAL ACCIDENTS : NATURE OF INJURY, LOCATION OF INJURY, SOUTH AUSTRALIA, 1969-70

Nature of Injury	Head	Eye	Neck & Spine	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
MALES										
Contusion, bruising, and superficial injury	23	16	11	238	158	182	308	221	-	1,157
Lacerations	91	34	4	31	135	1,298	239	175	-	2,007
Foreign bodies	4	164	1	-	-	-	-	-	-	169
Burns and scalds	22	27	5	24	43	66	37	83	-	307
Fractures	41	-	33	146	181	291	164	320	-	1,176
Dislocations	2	-	82	1	30	17	12	4	-	148
Sprains, strains, hernias	-	-	164	1,956	478	70	713	48	-	3,429
Traumatic amputations	-	-	-	-	-	71	-	5	-	76
Concussion	110	-	-	-	-	-	-	-	-	110
Internal injury	-	-	-	9	-	-	-	-	-	9
Nerve injury	3	-	5	1	6	1	1	-	-	17
Other & unspecified	1	1	-	-	-	-	-	-	32	34
Total	297	242	305	2,406	1,031	1,996	1,474	856	32	8,639
FEMALES										
Contusion, bruising, and superficial injury	9	3	4	37	23	35	63	19	-	193
Lacerations	8	3	-	3	14	208	42	12	-	290
Foreign bodies	-	1	-	-	-	-	-	-	-	1
Burns and scalds	4	2	3	2	13	28	14	6	-	72
Fractures	2	-	5	9	30	22	22	18	-	108
Dislocations	-	-	12	-	3	2	1	1	-	19
Sprains, strains, hernias	-	-	19	237	114	22	104	2	-	498
Traumatic amputations	-	-	-	-	-	10	-	-	-	10
Concussion	21	-	-	-	-	-	-	-	-	21
Internal injury	-	-	-	-	-	-	-	-	-	-
Nerve injury	-	-	1	1	2	-	-	-	-	4
Other & unspecified	-	-	-	-	-	-	-	-	4	4
Total	44	9	44	289	199	327	246	58	4	1,220

TABLE 14 · NON-FATAL ACCIDENTS : AGE GROUP, ACCIDENT FACTOR, SOUTH AUSTRALIA, 1969-70

Age Group (Years)	Machinery	Vehicles	Electricity, Explosions, Etc.	Falling, Slipping, Stumbling, Etc.	Striking Against, Stepping On, Etc.	Handling	Objects Moving or Falling	Hand Tools	Miscell- aneous	Total
MALES										
Under 20	145	39	24	141	31	126	143	110	53	812
20 - 24	154	65	39	214	46	251	197	148	62	1,176
25 - 29	84	38	11	168	33	195	158	80	44	811
30 - 34	81	39	16	198	28	220	137	73	57	849
35 - 39	94	37	23	209	35	240	139	64	63	904
40 - 44	89	38	20	213	38	260	175	77	61	971
45 - 49	100	39	14	223	42	255	157	79	44	953
50 - 54	68	33	18	178	36	167	138	55	45	738
55 - 59	66	43	7	147	26	188	131	49	25	682
60 - 64	42	17	9	108	17	68	75	25	20	381
65 and over	12	4	2	20	7	23	10	2	4	84
Not stated	27	5	3	50	13	82	47	30	21	278
Total	962	397	186	1,869	352	2,075	1,507	792	499	8,639
FEMALES										
Under 20	31	6	15	34	5	48	7	8	12	166
20 - 24	24	6	7	34	8	41	9	11	7	147
25 - 29	11	4	3	23	5	20	8	8	7	89
30 - 34	22	1	6	28	2	35	8	9	9	120
35 - 39	24	3	2	34	4	40	19	5	18	149
40 - 44	19	5	10	45	5	40	11	18	8	161
45 - 49	20	1	5	53	13	34	12	10	9	157
50 - 54	3	-	2	44	4	27	5	4	7	96
55 - 59	4	2	2	21	4	12	4	3	3	55
60 - 64	-	-	2	8	1	2	-	1	-	14
65 and over	1	-	-	5	1	-	-	-	-	7
Not stated	8	-	3	11	4	13	12	6	2	59
Total	167	28	57	340	56	312	95	83	82	1,220

TABLE 15 - NON-FATAL ACCIDENTS : NUMBER, TIME LOST AND AMOUNT PAID, SOUTH AUSTRALIA, 1969-70

Time Lost	Males			Females			Persons		
	Number	Time Lost	Amount Paid	Number	Time Lost	Amount Paid	Number	Time Lost	Amount Paid
		Weeks	\$'000		Weeks	\$'000		Weeks	\$'000
1 week, but less than 2 weeks	4,193	5,402.4	289.5	606	778.4	27.2	4,799	6,180.8	316.7
2 weeks, but less than 4 weeks	2,329	6,112.4	350.5	351	909.2	37.1	2,680	7,021.6	387.5
4 weeks, but less than 6 weeks	817	3,889.0	276.5	98	458.4	21.8	915	4,347.4	298.4
6 weeks, but less than 8 weeks	519	3,465.4	275.3	38	257.6	13.6	557	3,723.0	288.9
8 weeks, but less than 13 weeks	426	4,185.6	408.9	60	591.6	44.1	486	4,777.2	453.0
13 weeks, but less than 26 weeks	210	3,582.6	399.0	41	691.2	47.9	251	4,273.8	446.9
26 weeks, but less than 52 weeks	89	3,134.4	409.2	19	756.4	76.6	108	3,890.8	485.8
52 weeks, but less than 104 weeks	32	2,208.4	279.9	2	175.4	15.9	34	2,383.8	295.8
104 weeks, but less than 156 weeks	10	1,361.8	114.3	3	391.2	21.5	13	1,753.0	135.8
156 weeks and more	14	2,209.0	223.9	2	359.0	27.9	16	2,568.0	251.8
Total	8,639	35,551.0	3,026.9	1,220	5,368.4	333.6	9,859	40,919.4	3,360.5

## NUMBER OF ACCIDENTS, SOUTH AUSTRALIA, 1969-70

Accident Factor	Males		Females	
	Fatal	Non-Fatal	Fatal	Non-Fatal
<b>MACHINERY</b>				
Prime movers and pumps				
Engines and prime movers	-	10	-	-
Pumps (including windmills)	-	4	-	-
Mechanical power transmission apparatus				
Ropes, belts, pulleys, chains and sprockets	-	18	-	1
Shafting, gears	-	-	-	-
Hoisting and hauling				
Hoists, cranes, winches, etc. (large fixed apparatus)	-	98	-	-
Other lifting appliances (small portable apparatus)	-	26	-	-
Conveyors, lifts	-	44	-	7
Fixed industrial machines (while operating)				
Abrasive, polishing, etc.	-	111	-	4
Agitators and mixers	-	19	-	2
Casting, forging, welding	-	46	-	5
Crushing, grinding, etc.	-	6	-	2
Drilling, boring, turning (metal working)	-	74	-	6
" " " (other)	-	7	-	3
Milling machines (metal working)	-	9	-	2
Planers and shapers (woodworking)	-	36	-	1
" " " (other)	-	4	-	-
Packing and wrapping	-	3	-	4
Opening, picking, combing, carding (textiles)	-	4	-	1
Presses and punches (metal working)	-	72	-	25
" (printing)	-	5	-	-
" (other)	-	17	-	17
Rolls (printing, metal rolling, glueing, etc.)	-	14	-	3
Saws, circular (wood working)	-	25	-	-
" other (wood working)	-	38	-	-
" (metal working)	-	6	-	1
" other (stone, plastic, etc. cutting)	-	28	-	2
Screening and separating (not cream separating)	-	3	-	-
Sewing and stitching	-	3	-	10
Shears (metal working)	-	23	-	3
" (paper cutting)	-	3	-	-
" other (except food and sheep shears)	-	3	-	-
Rotary cutters (except food)	-	1	-	-
Cutters, food	-	7	-	35
Spinning, weaving and knitting	-	3	-	4
Other industrial machines (fixed)	-	129	-	26
Farm equipment				
Milking and shearing machines & cream separators	-	26	-	2
Farm implements (not tractors)	-	22	-	-
Other farm equipment (fixed) (not woolpresses)	-	3	-	-
Other machinery	-	12	-	1
Total machinery	-	962	-	167
<b>VEHICLES</b>				
Motor vehicles	1	170	-	23
Railway locomotives, trucks and cars	-	14	-	-
Mine, quarry and other vehicles on rails	-	6	-	-

TABLE 16 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS

NUMBER OF ACCIDENTS, SOUTH AUSTRALIA, 1969-70 (continued)

Accident Factor	Males		Females	
	Fatal	Non-Fatal	Fatal	Non-Fatal
VEHICLES (continued)				
Mobile machinery				
Mobile cranes and hoists	-	20	-	-
Forklift trucks	-	60	-	2
Tractors	-	47	-	2
Bulldozers, mech. shovels, graders, rollers, etc.	1	44	-	-
Other mobile machinery	-	29	-	-
Other vehicles	-	7	-	1
Total vehicles	2	397	-	28
ELECTRICITY, EXPLOSIONS, FLAMES, HOT SUBSTANCES				
Electricity (contact with)				
Cables and flexibles, portable machines, etc.	1	8	-	-
Switch and fuse gear	-	3	-	-
Electric supply wiring and other	1	3	-	-
Explosions				
Boilers and pressure vessels	-	4	-	-
Gas (household and industrial)	-	6	-	2
Other explosions (incl. weapons & quarry blasting)	-	17	-	-
Flames, hot substances and objects	-	145	-	55
Total electricity, etc.	2	186	-	57
FALLING, STUMBLING, SLIPPING, ETC.				
On or from				
Ladders	-	140	-	7
Scaffolding	1	45	-	-
Stairs or steps	-	77	-	47
Top or tray of vehicles	1	115	-	-
From other elevation (incl. roofs)	2	169	-	19
Into excavations	-	36	-	-
Up or down (jumping or stepping)	-	224	-	4
On same level	1	1,063	-	263
Total falling, stumbling, slipping, etc.	5	1,869	-	340
STEPPING ON, STRIKING AGAINST FIXED OR STATIONARY OBJECTS				
Stepping on sharp objects	-	30	-	4
Striking against	-	322	-	52
Total stepping on, striking against	-	352	-	56
HANDLING; OBJECTS MOVING OR FALLING				
Strain in handling	-	1,742	-	251
Struck by or caught between (moving or falling objects)				
Trees, limbs, logs	-	47	-	-
Poles (timber)	-	52	-	-
Other timber (e.g. sleepers, etc.)	-	92	-	3
Drums and barrels	-	59	-	2
Boxes, crates, cartons	-	131	-	11
Bricks and tiles	-	40	-	1
Earth, rock, sand	-	38	-	-
Hand trucks, barrows, etc.	-	44	-	7
Other objects	-	1,004	-	71
Sharp objects - wounds through handling				
Metal (other than hand tool, etc.)	-	119	-	17
Glass (handling - not knocking against)	-	32	-	16



NUMBER OF ACCIDENTS, SOUTH AUSTRALIA, 1969-70 (continued)

Accident Factor	Males		Females	
	Fatal	Non-Fatal	Fatal	Non-Fatal
<b>HANDLING (continued)</b>				
Other sharp objects	-	73	-	12
Other accidents involving handling	-	109	-	16
Total handling; objects moving or falling	-	3,582	-	407
<b>HAND TOOLS</b>				
Hand operated				
Axes, hatchets, machettes	1	34	-	-
Cleavers, choppers	-	3	-	-
Chisels	-	13	-	-
Crowbars, pinchbars	-	50	-	-
Files	-	7	-	-
Hammers, mallets	-	111	-	2
Hooks	-	22	-	1
Knives	-	158	-	43
Needles	-	1	-	5
Picks, pickaxes, hoes	-	11	-	-
Pliers, pincers, tongs	-	5	-	-
Saws (including hacksaws)	-	18	-	1
Scissors and shears	-	13	-	6
Screwdrivers	-	4	-	1
Shovels and spades	-	57	-	1
Spanners, wrenches	-	43	-	-
Other hand operated hand tools	-	69	-	7
Power operated - electric, pneumatic, hydraulic				
Abrasive sanding, polishing, etc.	-	27	-	14
Drills, jack-hammers, etc.	-	60	-	-
Saws	-	19	-	-
Explosive power fasteners (Ramset guns, etc.)	-	4	-	-
Other (incl. oxytorches, sprayers, portable welding plant)	-	63	-	2
Total hand tools	1	792	-	83
<b>HARMFUL SUBSTANCES</b>				
Solids (including powders)	-	5	-	-
Gas and aerosols	-	13	-	2
Liquids	-	27	-	2
Total harmful substances	-	45	-	4
<b>MISCELLANEOUS</b>				
Animals & insects	-	162	-	7
Physical causes				
Cold (freezing chambers, weather, etc.)	-	1	-	-
Exposure to rain, wind, etc. (not heat or cold)	-	3	-	-
Heat (furnaces, weather, etc. - not contact with hot objects)	-	1	-	-
Immersion	-	-	-	-
Vibration (e.g. from pneumatic drill)	-	3	-	-
Other physical	-	-	-	-
Pressure vessels, pipes, etc. bursting	-	8	-	-
Other				
Doors and windows	-	32	-	18
Flying particles (windborne-not from machines, etc.)	-	45	-	-
Other	-	199	-	53
Total Miscellaneous	-	454	-	78
<b>TOTAL ALL FACTORS</b>	10	8,639	-	1,220

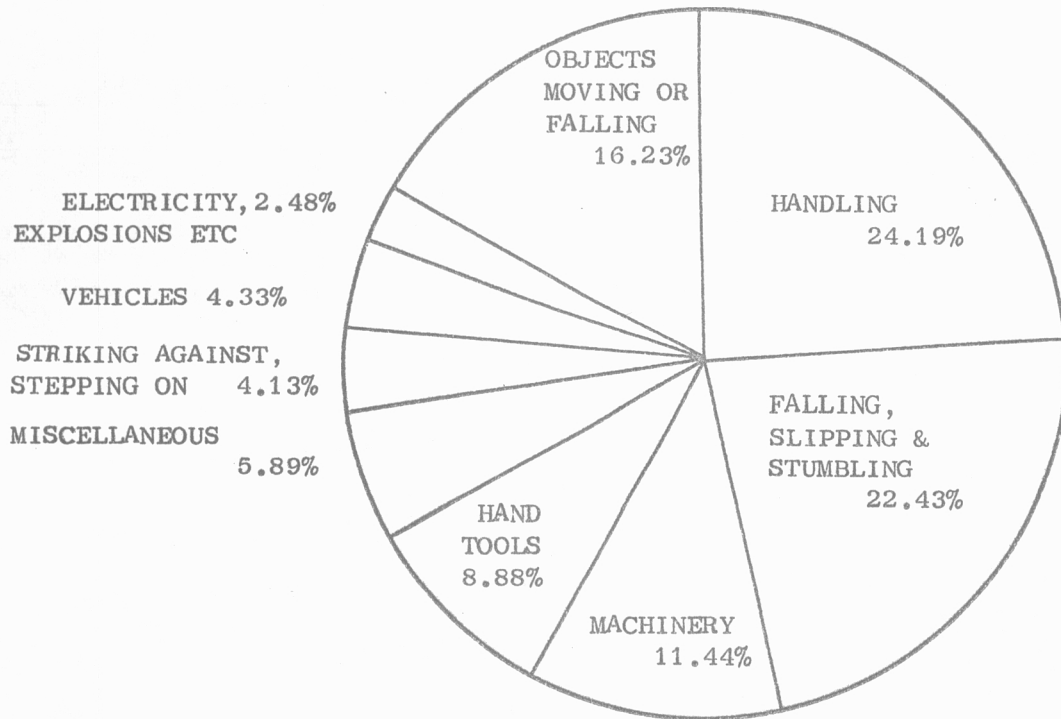
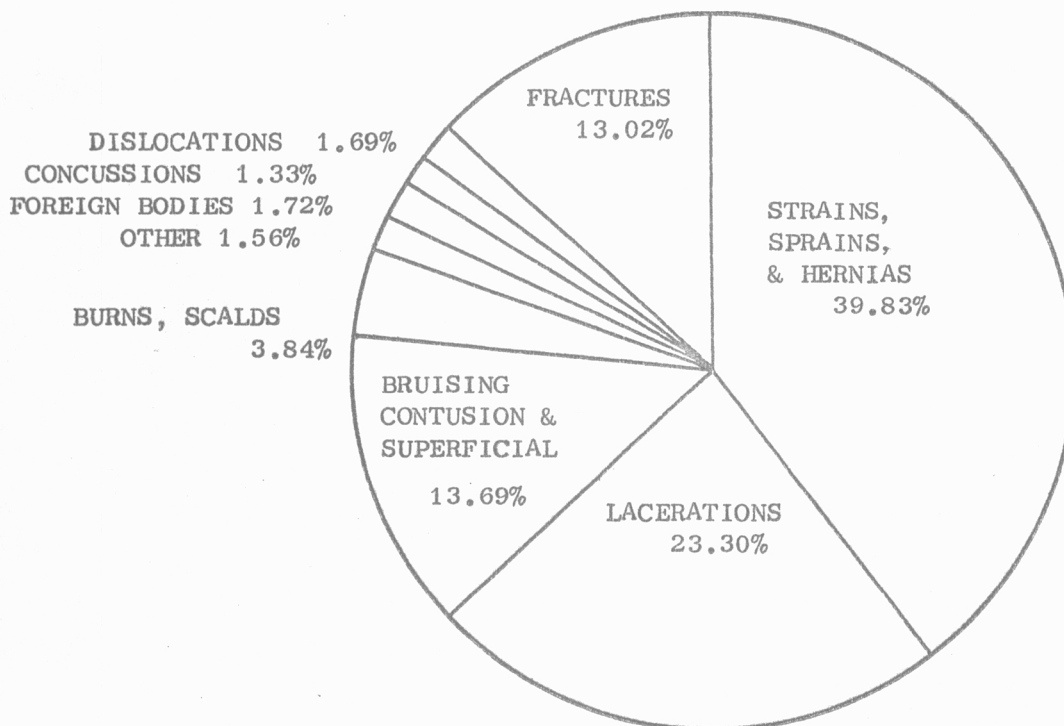
ACCIDENT FACTOR 1969-70NATURE OF INJURY 1969-70

TABLE 17 - FATAL AND NON-FATAL DISEASES . NUMBER, TIME LOST, AMOUNT PAID, 1969-70

Disease	Number				Time Lost; Non-Fatal Diseases		Amount Paid; Fatal and Non-Fatal Diseases	
	Male		Female		Male	Female	Male	Female
	F	NF	F	NF	Weeks		\$ '000	
Infective and parasitic diseases	-	15	-	25	37	83	1,4	2,2
Neoplasms	-	1	-	-	4	-	0,3	-
Diseases of the nervous system and sense organs	2	5	-	2	56	6	32,0	0,2
Diseases of the circulatory system :								
Arteriosclerotic and degenerative heart disease	8	25	-	1	277	11	86,0	0,5
Other	-	1	-	-	3	-	0,3	-
Diseases of respiratory system	-	8	-	-	93	-	4,4	-
Diseases of skin and cellular tissue :								
Occupational dermatitis	-	111	-	49	368	115	41,8	3,5
Other	-	17	-	5	49	22	2,6	0,8
Diseases of bone and organs of movement	-	81	-	43	375	247	37,5	18,4
Other	-	3	-	1	21	1	4,5	0,1
Total	10	267	-	126	1,283	486	210,9	25,6

F = Fatal

NF = Non-Fatal

